



Washington University in St. Louis



WashU's iGEM (International Genetically Engineered Machine) team is recruiting self-motivated undergraduate students from all backgrounds to solve real world problems by designing and engineering microbes! iGEM is the world's premier undergraduate synthetic biology competition (http://2016.igem.org/Main_Page). **Applicants from all disciplines are welcome** (including art & design, social science, computer science, business, biology, engineering, etc.) As a member of the WashU iGEM team, you will not only gain valuable research experience, but you will administer all aspects of a research project including managing finances, building the team's website, studying how your project intersects with society, and collaborating with other teams (sometimes through Twitter – follow @WashUiGEM). Furthermore, you will present your work at the Giant Jamboree in November 2017 alongside hundreds of amazing teams from around the world.

Team members will start in February learning about synthetic biology and developing all aspects of their **self-designed project**. During the summer, team members may work full-time in a lab under the supervision of graduate student mentors, conducting the team's research; in the fall, the team will prepare to attend the Jamboree by wrapping up the project and creating both an oral and poster presentation and the website (see http://2016.igem.org/Team:WashU_StLouis for last year's website). Team members will receive a stipend for their work during the summer.

No previous research experience is required – just a passion to solve problems, an interest in synthetic biology, and a willingness to work hard and be an excellent team member! We will host two information sessions on Wednesday and Thursday, December 7th and 8th at 6 pm in Seigle Hall, Room 109. The following application should be returned to washu.igem@gmail.com by **Sunday, January 22, 2017 by 5 pm**. You can also send questions to the same address. Applicants will hear back by January 30th. We are looking forward to WashU's best iGEM team yet in 2017!

Dr. Janie Brennan

WashU Team Faculty Advisor

Lecturer, Department of Energy, Environmental, & Chemical Engineering

School of Engineering & Applied Science

Washington University in St. Louis

Office: Brauer Hall, 3018B

Email: jbrennan@wustl.edu

2017 Application

Email completed application to washu.igem@gmail.com by January 22 at 5 pm.

Name:

Major:

Current Year (circle one): First-Year Sophomore Junior Senior Other

E-mail address:

1. Why do you want to join iGEM?
2. What are your career goals, and how will participating in iGEM contribute to your goals?
3. What are your research interests and how will iGEM support those interests? (Include any experience you have; although experience is not required to apply.)
4. Spend a little time looking at some of the wikis for the 2016 teams (http://igem.org/Team_Wikis?year=2016). What is your favorite project and why?

5. What is your outlook on the structure and interactions within a team?
6. In what ways do you see yourself contributing to the WashU iGEM team?
7. How do you approach completing a difficult team project? Give an example, including your specific role?
8. What would you do if another team member does not fulfill their part of the project?
9. How do you respond when something you do fails? Include an example.